ABSTRACT

The present invention provides a chiral furan amino acids, in enantiomerically pure forms, either *R* or *S*. The starting materials are being used chiral *N*-terminal-protected amino aldehydes derived from the corresponding *N*-terminal-protected protected L- or D-amino acids. The present invention also relates to a process for preparing these chirally substituted furan amino acids constitute an important class of conformationally constrained peptide based molecules that can be used as dipeptide isosteres in peptidomimetic studies.